Maths Assessment Year 2 Term 2: Number and Place Value

1. Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.

2. Recognise the place value of each digit in a two-digit number.

3. Compare and order numbers up to 100; use < > and = signs.

4. Read and write numbers to at least 100 in numerals and in words.

5. Use place value and number facts to solve problems.

6. Identify, represent and estimate numbers using different representations, including the number line.

Name: Date:

Maths Assessment Year 2 Term 2: Number and Place Value

1. Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.

Continue these sequences:

12	14	16				

55	50	45				

23	33	43				

6	9	12				

4 marks

2. Recognise the place value of each digit in a two-digit number.

Circle any number that has a digit with a value of sixty.

34   96   60   21   67   16

2 marks

3. Compare and order numbers up to 100; use < > and = signs.

a) Write these amounts in order of size, starting from the smallest.

17	7	71	70	77	10

1 mark

b) Put the < or > or = sign between these numbers.

12 [   ] 21   5 tens and 7 ones [   ] 57   97 [   ] 88

3 marks

4. Read and write numbers to at least 100 in numerals and in words.

Match the following numbers in words to the numbers in digits.

sixteen   74

seventy four   16

sixty   47

forty seven   60

2 marks

Total for this page

5. Use place value and number facts to solve problems.

a) I have 37p and I give away 12p. How much money do I have left?

[____] p

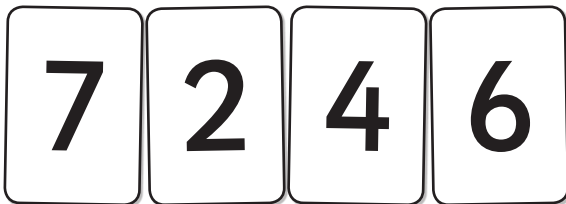**b)** What calculation is represented here?

+

[____]
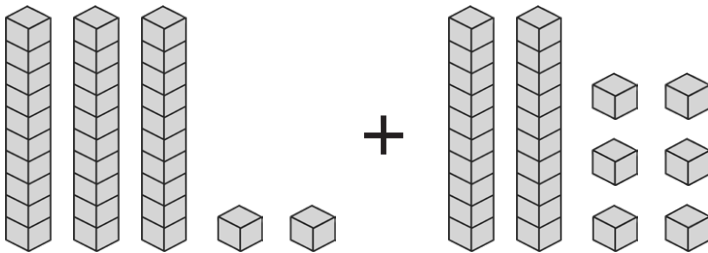
c) Here are 4 digit cards.

| 7 | 2 | 4 | 6 |

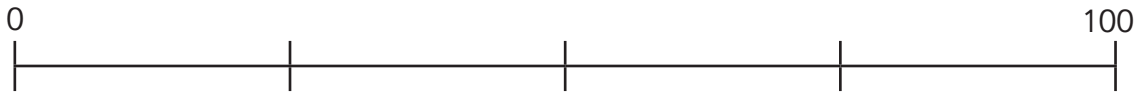Use each digit once to make a total of 100.

[__][__] + [__][__] = 100

d) What number is 10 less than 92?

[____]

6. Identify, represent and estimate numbers using different representations, including the number line

a) Here is a number line from 0 to 100. Mark the number 75 with an arrow.

0   100

b) Here is a number square with most numbers missing. What number goes in this cell?

1									
									20
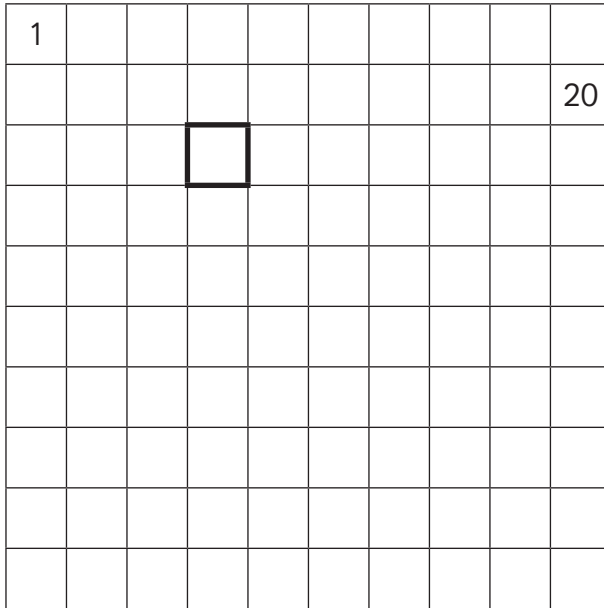
c) Here is a pile of cubes. Estimate how many cubes are in the pile.
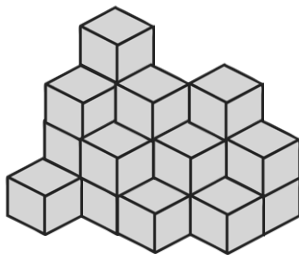
question	answer	marks	notes
1. Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.			
	12, 14, 16, **18, 20, 22, 24** 55, 50, 45, **40, 35, 30, 25** 23, 33, 43, **53, 63, 73, 83** 6, 9, 12, **15, 18, 21, 24**	4	1 mark for each correct.
2. Recognise the place value of each digit in a two-digit number.			
	60 and 67	2	1 mark for each correct.
3. Compare and order numbers up to 100; use < > and = signs.			
a	7, 10, 17, 70, 71, 77	1	1 mark for all correct
b	12 **<** 21 5 tens and 7 ones **=** 57 97 **>** 88	3	1 mark for each correct answer
4. Read and write numbers to at least 100 in numerals and in words.			
a	sixteen — 74 seventy four — 16 sixty — 47 forty seven — 60	2	2 marks for all correct, 1 mark for 2 or 3 correct.
5. Use place value and number facts to solve problems.			
a	25p	1	Accept 25 as it is place value being tested not measures.
b	32 + 26	1	The calculation 32 + 26 must be written. The answer is not necessary but can be written. (Note: as the question is not specific about a cube representing 1, other answers in the same ratio are acceptable.)
c	74 + 26 or 24 + 76	1	
d	82	1	
6. Identify, represent and estimate numbers using different representations, including the number line			
a	Arrow should point to or close to the dash at 75	1	
b	24	1	
c	14-42	1	The children will need to estimate that there are more cubes than are visible but no more than 3 times
		Total 19	